

WEST**Freeform Search**

09/384,379

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IBM Technical Disclosure Bulletins

Term:

16 same antibody

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USPT	16 same antibody	203	<u>L10</u>
USPT	16 and antibody	1795	<u>L9</u>
USPT	human bone marrow serine protease	9	<u>L8</u>
USPT	16 and 15	13	<u>L7</u>
USPT	serine protease	2991	<u>L6</u>
USPT	medullasin	14	<u>L5</u>
USPT	medullasin antibody	1	<u>L4</u>
USPT	anti medullasin antibody	1	<u>L3</u>
USPT	11 and antibody	5	<u>L2</u>
USPT	aoki-y\$.in.	346	<u>L1</u>

L3 ANSWER 1 OF 7 CAPLUS COPYRIGHT 2000 ACS
 AN 2000:133697 CAPLUS
 DN 132:203144
 TI Low-adenosine antisense oligonucleotide agents, compositions, kits and
 treatments for respiratory disorders
 IN Nyce, Jonathan W.
 PA East Carolina University, USA
 SO PCT Int. Appl., 1343 pp.
 CODEN: PIXXD2

DT Patent
 LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000009525	A2	20000224	WO 1999-US17712	19990803
	WO 2000009525	A3	20000518		
	W: AU, CA, CN, MX, RU, US				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9953374	A1	20000306	AU 1999-53374	19990803
PRAI	US 1998-95212		19980803		
	WO 1999-US17712		19990803		
OS	MARPAT 132:203144				

L3 ANSWER 2 OF 7 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 1
 AN 2000:343515 BIOSIS
 DN PREV200000343515
 TI A novel endoproteolytic processing activity in mitochondria of erythroid
 cells and the role in heme synthesis.
 AU Dzikaite, Vijole; Kanopka, Arvydas; Brock, Jeremy H.; Kazlauskas, Arunas;
 Melefors, Ojar (1)
 CS (1) Microbiology and Tumor Biology Center, Karolinska Institutet, SE-171
 77, Stockholm Sweden
 SO Blood, (July 15, 2000) Vol. 96, No. 2, pp. 740-746. print.
 ISSN: 0006-4971.
 DT Article
 LA English
 SL English

L3 ANSWER 3 OF 7 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 2
 AN 2000:482865 BIOSIS
 DN PREV200000482865
 TI Determination of **medullasin** levels for the diagnosis of multiple
 sclerosis.
 AU Aoki, Y. (1); Saida, T.; Nakano, I.; Saito, T.; Ikeguchi, K.; Urabe, T.;
 Nishiguchi, E.; Suzuki, H.; Takahashi, K.; Katsuragi, H.; Mizuno, Y.
 CS (1) Department of Food and Health Sciences, Faculty of Human Life
 Sciences, Jissse Women's University, Osakaue 4-1-1, Hino-City, Tokyo,
 191-8510 Japan
 SO Acta Neurologica Scandinavica, (October, 2000) Vol. 102, No. 4, pp.
 218-221. print.
 ISSN: 0001-6314.
 DT Article

12/26/00

LA English
SL English

L3 ANSWER 4 OF 7 CAPLUS COPYRIGHT 2000 ACS DUPLICATE 3
AN 1999:361718 CAPLUS
DN 131:43586
TI Preparation of anti-human **medullasin** monoclonal **antibody**
for immunoassay
IN Aoki, Yosuke; Suzuki, Hideaki; Takahashi, Shigeyoshi; Katsuragi, Hisashi
PA Dainichi Seika Kogyo K. K., Japan
SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	---	-----	-----	-----
PI	JP 11151085	A2	19990608	JP 1997-336303	19971120

L3 ANSWER 5 OF 7 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 4
AN 1997:201212 BIOSIS
DN PREV199799500415
TI Immunohistochemical study of cathepsin G and **medullasin** in
inflamed gingival tissues from periodontal patients.
AU Kunitatsu, K. (1); Ozaki, Y.; Hara, Y.; Aoki, Y.; Yamamoto, K.; Kato, I.
CS (1) Dep. Periodontol., Nagasaki Univ., Sch. Dent., 1-7-1 Sakamoto,
Nagasaki 852 Japan
SO Journal of Periodontal Research, (1997) Vol. 32, No. 2, pp. 264-270.
ISSN: 0022-3484.
DT Article
LA English

L3 ANSWER 6 OF 7 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 5
AN 1992:282375 BIOSIS
DN BA94:7025
TI INDUCTION OF ACTIVATED KILLER CELLS FROM HUMAN LYMPHOCYTES BY
MEDULLASIN A SERINE PROTEASE IN BONE MARROW CELLS.
AU AOKI Y; HASE T; OSHIMI K; SUZUKI K
CS DEP. BIOCHEM. NUTR., INST. PUBLIC HEALTH, MANATO-KU, TOKYO, JPN.
SO IMMUNOLOGY, (1992) 75 (3), 481-487.
CODEN: IMMUA. ISSN: 0019-2805.
FS BA; OLD
LA English

L3 ANSWER 7 OF 7 BIOSIS COPYRIGHT 2000 BIOSIS DUPLICATE 6
AN 1987:168089 BIOSIS
DN BA83:86530
TI **MEDULLASIN** ENHANCES HUMAN NATURAL KILLER CELL ACTIVITY BY A
MECHANISM OTHER THAN THE INDUCTION OF INTERFERONS OR INTERLEUKIN-2.
AU AOKI Y; FUKUCHI K
CS DEP. OF BIOCHEMISTRY AND NUTRITION, INST. OF PUBLIC HEALTH, 6-1,
SHIROKANEDAI 4-CHOME, MINATO-KU, TOKYO 108.
SO JPN J CANCER RES (GANN), (1987) 78 (1), 68-73.
CODEN: JJCREP. ISSN: 0910-5050.
FS BA; OLD

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L14: Entry 1 of 1

File: DWPI

Jun 8, 1999

DERWENT-ACC-NO: 1999-388475

DERWENT-WEEK: 199933

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TITLE: Anti-human medullasin monoclonal anti-body for sclerosis patients - useful for diagnosing human medullasin in blood

PATENT-ASSIGNEE:

ASSIGNEE

CODE

DAINICHISEIKA COLOR & CHEM MFG CO LTD

DAIC

PRIORITY-DATA:

1997JP-0336303

November 20, 1997

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 11151085 A

June 8, 1999

N/A

007

C12N005/10

APPLICATION-DATA:

PUB-NO

APPL-DESCRIPTOR

APPL-NO

APPL-NO

JP11151085A

November 20, 1997

1997JP-0336303

N/A

INT-CL (IPC): C07K 16/40; C12N 5/10; C12N 15/02; C12P 21/08; G01N 33/573; G01N 33/577; C12P 21/08; C12R 1/91

ABSTRACTED-PUB-NO: JP11151085A

BASIC-ABSTRACT:

NOVELTY - Anti-human medullasin monoclonal anti-body identifies the human medullasin existing in granulocytes. DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the anti-body manufacturing method. Antibody forming cell and myeloma cell extracted from an animal which is immune to human medullasin is fused to form hybridoma which is cultured. Antibody is then extracted from the culture.

USE - The labeled antibody is fixed in an insoluble carrier. The sample containing human medullasin is contacted with the carrier, when the human medullasin is caught on the carrier. The labeled complex is then assayed (claimed). For inflammatory diseases like multiple sclerosis.

ADVANTAGE - The immunological assay of human medullasin is carried out quickly and easily.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: ANTI HUMAN MONOCLONAL ANTI BODY SCLEROSIS PATIENT USEFUL DIAGNOSE HUMAN BLOOD

DERWENT-CLASS: B04 D16 S03

CPI-CODES: B04-G06; B04-G21; B11-C07A; B12-K04A; B14-S01; D05-H11A1; D05-H15;

EPI-CODES: S03-E14H4;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

M423 M710 M720 M903 N136 N164 N511 N512 N513 P831

Q233 V600 V611

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1999-114643

Non-CPI Secondary Accession Numbers: N1999-291110